



THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Case Docket No. AT9-89-039

31621174 18  
07/352530

Transmitted herewith for filing is the Patent Application of:

Inventor: Robert A. Fabbio et al

For: AN OBJECT DATABASE-DRIVEN INTERACTIVE SHELL FOR A DATA PROCESSING SYSTEM

Enclosed are:

- ☒ 18 sheets of drawing(s). (informal)
- ☒ An assignment of the invention to International Business Machines Corporation.
- ☐ A certified copy of a \_\_\_\_\_ application.
- ☐ An associate power of attorney.
- ☐

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	27 - 20 =	x 7
INDEP CLAIMS	3 - 3 =	x 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 370.00
x 12 =	\$ 84.00
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+ 120 =	\$ 0
SUB TOTAL	\$454.00
ASSIGNMENT (\$8.00)	\$ 8.00
TOTAL	\$462.00

- ☒ Please charge my Deposit Account No. 09-0451 in the amount of \$ 462.00  
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- ☒ Any additional filing fees required under 37 CFR §1.16.
- ☒ Any patent application processing fees under 37 CFR §1.17.

Respectfully submitted,

By Marilyn D. Smith  
Marilyn D. Smith  
Registration No. 31,140  
IBM Corporation  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: R. A. Fabbio et al IBM Docket AT9-89-039  
Serial No: Group No.:  
Filed: Examiner:  
For: AN OBJECT DATABASE-DRIVEN INTERACTIVE SHELL FOR A DATA  
PROCESSING SYSTEM  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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PROCESSING SYSTEM

Commissioner of Patents and Trademarks

Washington, D.C. 20231

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Marilyn D. Smith

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